

## Product Datasheet

# RAB7 RAB7A Rabbit Monoclonal Antibody (orb548029)

<b>Catalog Number</b>	orb548029
<b>Category</b>	Antibodies
<b>Description</b>	Anti-RAB7 RAB7A Rabbit Monoclonal Antibody. Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
<b>Target</b>	Ras-related protein Rab-7a
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	0.5mg/ml
<b>Buffer/Preservatives</b>	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml rAlbumin.
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human RAB7
<b>UniProt ID</b>	<b>P51149</b>
<b>MW</b>	23 kDa

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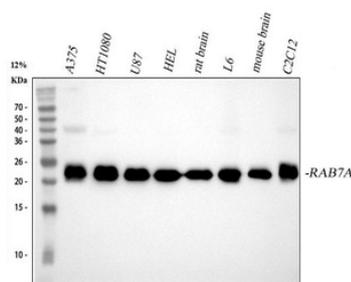
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<b>Tested applications</b>	FC, ICC, IF, IHC, WB
<b>Dilution range</b>	WB 1:500-2000 IHC 1:50-200 ICC/IF 1:50-200 FC 1:20
<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	GHA-18
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only



Western blot analysis of RAB7 using anti-RAB7 antibody (orb548029). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human A375 whole cell lysates, Lane 2: human HT1080 whole cell lysates, Lane 3: human U87 whole cell lysates, Lane 4: human HEL whole cell lysates, Lane 5: rat brain tissue lysates, Lane 6: rat L6 whole cell lysates, Lane 7: mouse brain tissue lysates, Lane 8: mouse C2C12 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with mouse anti-RAB7 antigen affinity purified monoclonal antibody (Catalog # orb548029) at 1: 1000 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-mouse IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # orb90502) with Tanon 5200 system. A specific band was detected for RAB7 at approximately 23 kDa. The expected band size for RAB7 is at 23 kDa.

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